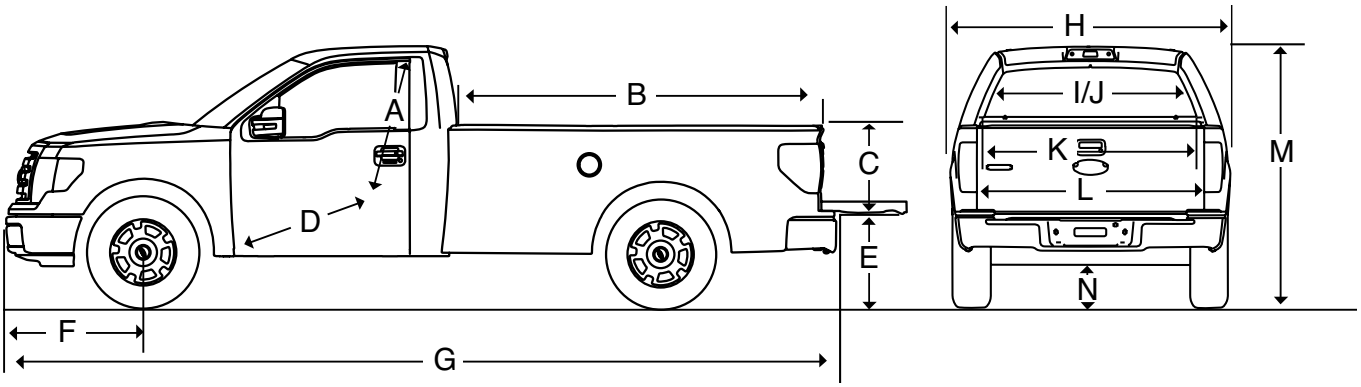
F-150 and F-150 SVT Raptor 2014
Dimensions



Body Dimensions
REGULAR CAB[1]

Drive		4x2		4x4	
Cargo Box (ft.)		6.5	8.0	6.5	8.0
Wheelbase (in.)		125.9	144.5	125.9	144.5
Code	**Description (in.)**				
A	Head Room	41.0	41.0	41.0	41.0
B	Inside Length[2] (at floor)	78.8	97.4	78.8	97.4
C	Inside Height[2]	22.4	22.4	22.4	22.4
D	Leg Room	41.4	41.4	41.4	41.4
E	Open Tailgate to Ground (Empty)[3]	34.1	34.7	35.3	36.0
F	Front Overhang	38.3	38.3	38.3	38.3
G	Overall Length	213.2	231.9	213.2	231.9
H	Width (Max.) (excluding mirrors)	79.2	79.2	79.2	79.2
I	Shoulder Room	66.6	66.6	66.6	66.6
J	Hip Room	60.5	60.5	60.5	60.5
K	Width Between Wheelhouses[2]	50.0	50.0	50.0	50.0
L	Max. Load Width[2] (at floor)	65.2	65.2	65.2	65.2
M	Cab Height (Empty)[3]	74.8	75.0	76.0	76.0
N	Minimum Running Ground Clearance	8.2	8.5	8.8	8.8

(1) F-150 SVT Raptor not available as a Regular Cab model.
(2) Pickup box. Also refer to Pickup Box Dimensions.
(3) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

Interior Volume

Cab Position	Volume (cu. ft.)
Front Passenger	64.8
Rear Cargo (rear of front seat)	17.4

Fuel Tank Capacity

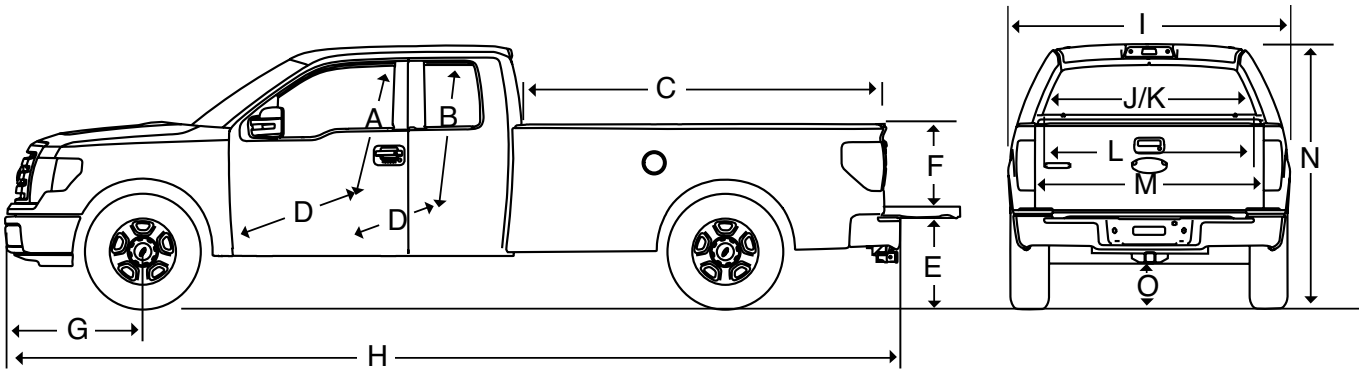
		Capacity (gallons)	
Wheelbase (in.)	**Location**	**Standard**	**Available**
126 (4x2/4x4)	Midship	26.0	—
144.5	Midship	26.0 (4x2)	36.0[1]

(1) Required on 4x4 with Heavy-Duty Payload Package.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2014 F-150 and F-150 SVT Raptor

Dimensions cont'd



Body Dimensions cont'd
SUPERCAB

Drive		4x2		4x4		
Cargo Box (ft.)		6.5	8.0	5.5	6.5	8.0
Wheelbase (in.)		144.5	163.1	133.3[1]	144.5	163.1
Code	**Description (in.)**					
A	Head Room (Front)	41.0	41.0	41.0	41.0	41.0
B	Head Room (Rear)	39.6	39.6	39.7	39.6	39.6
C	Inside Length[2] (at floor)	78.8	97.4	67.0	78.8	97.4
D	Leg Room (Front)	41.4	41.4	41.4	41.4	41.4
	Leg Room (Rear)	33.3	33.3	33.4	33.3	33.3
E	Open Tailgate to Ground (Empty)[3]	33.8	33.5	36.4	34.9	33.4
F	Inside Height[2]	22.4	22.4	22.4	22.4	22.4
G	Front Overhang	38.3	38.3	38.0	38.3	38.3
H	Overall Length	231.9	250.4	220.6	231.9	250.4
I	Width (Max.) (excluding mirrors)	79.2	79.2	86.3	79.2	79.2
J	Shoulder Room (Front)	65.9	65.9	65.9	65.9	65.9
	Shoulder Room (Rear)	65.7	65.7	65.7	65.7	65.7
K	Hip Room (Front)	60.5	60.5	60.5	60.5	60.5
	Hip Room (Rear)	65.4	65.4	65.4	65.4	65.4
L	Width Between Wheelhouses[2]	50.0	50.0	50.0	50.0	50.0
M	Max. Load Width[2] (at floor)	65.2	65.2	65.2	65.2	65.2
N	Cab Height (Empty)[3]	75.2	74.8	78.5	76.1	75.7
O	Minimum Running Ground Clearance	8.6	8.5	9.5	8.6	8.4

(1) SVT Raptor.
(2) Pickup box. Also refer to Pickup Box Dimensions.
(3) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

Interior Volume

	Volume (cu. ft.)		
Cab Position	**5.5-ft. box**	**6.5-ft. box**	**8.0-ft. box**
Front Passenger	64.5	64.5	64.5
Rear Passenger	50.3	50.3	50.3
Total Passenger	114.8	114.8	114.8
Rear Cargo — Rear Seat Cushion Folded Up	40.9	40.9	40.9

Fuel Tank Capacity

		Capacity (gallons)	
Wheelbase (in.)	**Location**	**Standard**	**Available**
133.3 (4x4)[1]	Midship	26.0	—
144.5 (4x2/4x4)	Midship	26.0/36.0	36.0
163 (4x2/4x4)	Midship	26.0/36.0	36.0

(1) SVT Raptor.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

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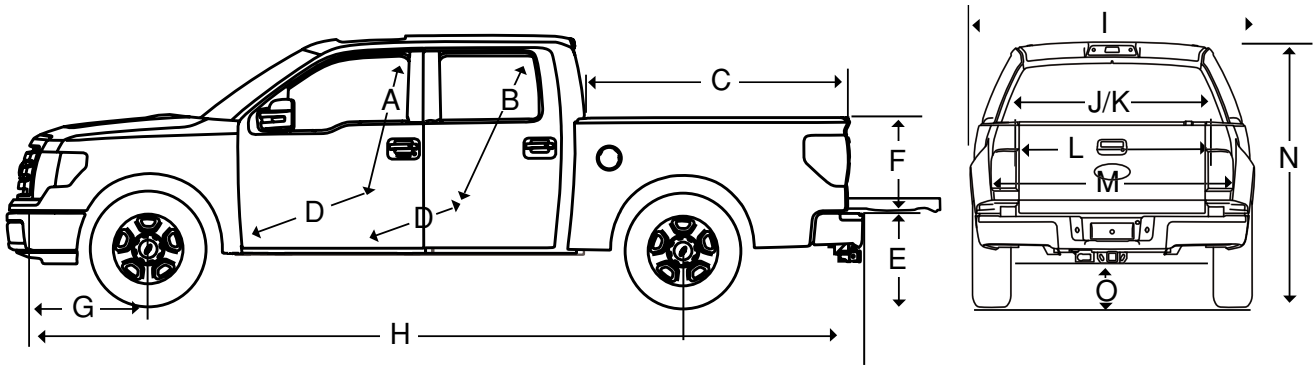
F-150 and F-150 SVT Raptor
Dimensions cont'd



Body Dimensions cont'd
SUPERCREW

Cargo Box (ft.)		5.5	6.5	5.5	5.5[1]	6.5
Drive		4x2		4x4		
Wheelbase (in.)		144.5	156.5	144.5	145.2	156.5
Code	**Description (in.)**					
A	Head Room (Front)	41.0	41.0	41.0	41.0	41.0
B	Head Room (Rear)	40.3	40.3	40.3	40.3	40.3
C	Inside Length[2] (at floor)	67.0	78.8	67.0	67.0	78.8
D	Leg Room (Front)	41.4	41.4	41.4	41.4	41.4
	Leg Room (Rear)	43.5	43.5	43.5	43.5	43.5
E	Open Tailgate to Ground (Empty)[3]	33.1	32.8	34.8	36.2	34.5
F	Inside Height[2]	22.4	22.4	22.4	22.4	22.4
G	Front Overhang	38.3	38.3	38.3	38.0	38.3
H	Overall Length	231.9	243.9	231.9	232.1	243.9
I	Width (Max.) (excluding mirrors)	79.2	79.2	79.2	86.3	79.2
J	Shoulder Room (Front)	65.9	65.9	65.9	65.9	65.9
	Shoulder Room (Rear)	65.5	65.5	65.5	65.5	65.5
K	Hip Room (Front)	60.5	60.5	60.5	60.5	60.5
	Hip Room (Rear)	64.6	64.6	64.6	64.6	64.6
L	Width Between Wheelhouses[2]	50.0	50.0	50.0	50.0	50.0
M	Max. Load Width[2] (at floor)	65.2	65.2	65.2	65.2	65.2
N	Cab Height (Empty)[3]	75.0	74.6	76.7	78.4	76.5
O	Minimum Running Ground Clearance	8.3	8.1	9.1	9.3	9.0

(1) F-150 SVT Raptor.
(2) Pickup box. Also refer to Pickup Box Dimensions.
(3) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

Interior Volume

	Volume (cu. ft.)	
Cab Position	**5.5-ft. box**	**6.5-ft. box**
Front Passenger	64.5	64.5
Rear Passenger	66.4	66.4
Total Passenger	130.9	130.9
Rear Cargo — Rear Seat Cushion, Folded Up	55.4/62.3 SVT Raptor	55.4

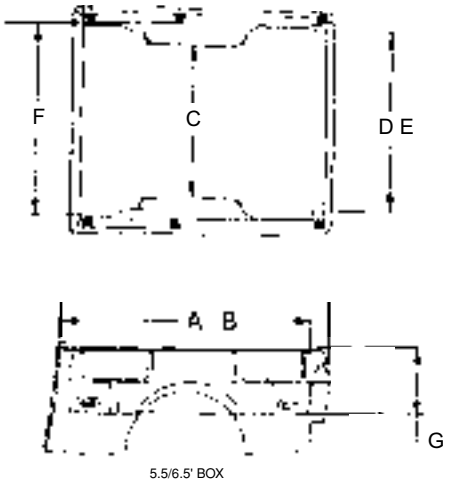
Fuel Tank Capacity

		Capacity (gallons)	
Wheelbase (in.)	**Location**	**Standard**	**Available**
144.5 (4x2/4x4)	Midship	26.0/36.0	36.0
156.5 (4x2/4x4)	Midship	26.0/36.0	—

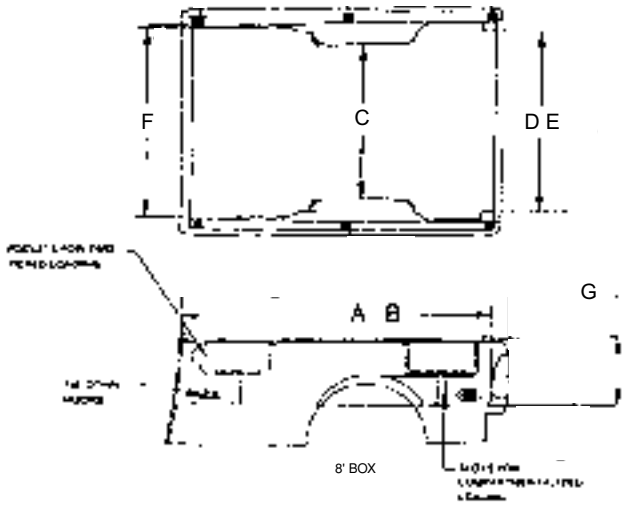
NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2014 F-150 and F-150 SVT Raptor

Dimensions cont'd



5.5/6.5' BOX



8' BOX

Pickup Box Dimensions
STYLESIDE PICKUP

Box Size (ft.)		5.5[1]	6.5[2]	8.0[3]
Code	**Description (in.)**			
A	Cargo Body Length @ Floor	67.0	78.8	97.4
B	Cargo Body Length @ Top	65.8	77.6	96.1
C	Cargo Width @ Wheelhouse	50.0	50.0	50.0
D	Rear Opening Width @ Floor	60.3	60.3	60.3
E	Rear Opening Width @ Top	60.3	60.3	60.3
F	Cargo Body Maximum Inside Width	65.2	65.2	65.2
G	Cargo Body Height with Molding	22.4	22.4	22.4
	Cargo Box Volume[4]	55.4	65.5	81.3

(1) On 133.3" wheelbase SuperCab, 145.2" wheelbase Raptor, 144.5" wheelbase SuperCrew and 144.5" wheelbase Regular Cab.
(2) On 125.9" wheelbase Regular Cab, 144.5" wheelbase SuperCab and 156.5" wheelbase SuperCrew.
(3) On 144.5" wheelbase Regular Cab and 163.1" wheelbase SuperCab.
(4) Does not include allowances for wheelhouses.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

F-150 and F-150 SVT Raptor 2014
Weight Ratings

F-150 Styleside Pickup — GVWR/Payload/OPT & ARC/GAWR (Front Computer-Selected)/Base Curb Weight

Cab Style/ Drive/WB (in.)	Engine	Max. GVWR (lbs.)	Max. Payload (lbs.)[1]	OPT/ARC Weight (lbs.)[2]	Max. GAWR (lbs.)[3] Front	Max. GAWR (lbs.)[3] Rear[4]	Base Curb Weight (lbs.) Front	Base Curb Weight (lbs.) Rear	Base Curb Weight (lbs.) Total
Regular Cab 4x2 126	3.7L	6450	1710	789	3150	3500	2675	2010	4685
	5.0L	6650	1810	786	3300	3500	2771	2020	4791
Regular Cab 4x2 126 (Tremor)	3.5L	6650	1560	610	3300	3500	2918	2113	5031
Regular Cab 4x4 126	3.7L	6650	1670	851	3450	3500	2905	2020	4925
	5.0L	6800	1710	848	3450	3500	2994	2039	5033
Regular Cab ***4x4*** 126 (Tremor)	3.5L	6800	1440	634	3450	3500	3112	2193	5305
Regular Cab 4x2 145	3.7L	6750	1930	1100	3450	3800	2782	1982	4764
	5.0L	7050	2090	1100	3450	3850	2891	2010	4901
	3.5L	7050	2060	1040	3600	3850	2948	1987	4935
HD Pkg.	3.5L	8200	3100	929	3750	4800	2969	2114	5083
	5.0L	8200	3120	989	3750	4800	2969	2094	5063
Regular Cab 4x4 145	3.7L	6950	1900	1167	3600	3800	3008	1985	4993
	5.0L	7250	2060	1168	3750	3850	3107	2023	5130
	3.5L	7200	1920	1074	3750	3850	3137	2083	5220
HD Pkg.	3.5L	8200	2810	968	4050	4800	3175	2192	5367
	5.0L	8200	2810	968	4050	4800	3203	2165	5368
SuperCab 4x4 133 SVT Raptor	6.2L	7050	980	276	3900	3500	3414	2590	6004
SuperCab 4x2 145	3.7L	6700	1600	737	3450	3800	2884	2159	5043
	5.0L	7100	1870	997	3750	3850	2983	2186	5169
	3.5L	7050	1790	927	3750	3850	2996	2207	5203
	6.2L	7500	2010	845	3750	4050	3122	2312	5434
MAX	3.5L	7500	2080	761	3750	4050	3043	2323	5366
SuperCab 4x4 145	3.7L	6900	1510	647	3750	3800	3126	2207	5333
	5.0L	7350	1830	969	3900	3850	3222	2239	5461
	3.5L	7200	1660	804	3900	3850	3204	2272	5476
	6.2L	7700	1950	867	4050	4050	3356	2333	5689
MAX	3.5L	7700	2000	***824***	3900	4050	3253	2383	5636
SuperCab 4x2 163	5.0L	7300	1930	1068	3900	3850	3110	2202	5312
	3.5L	7300	1920	1063	3900	3850	3110	2207	5317
MAX	3.5L	7550	1990	959	3900	4050	3162	2337	5499
HD Pkg.	5.0L	8200	2710	1027	4050	4800	3159	2310	5469
	3.5L	8200	2700	967	4050	4800	3159	2315	5474
SuperCab 4x4 163	5.0L	7450	1770	910	4050	3850	3309	2311	5620
	3.5L	7450	1780	926	4050	3850	3299	2305	5604
MAX	3.5L	7700	1860	960	4050	4050	3348	2426	5774
HD Pkg.	5.0L	8200	2400	1001	4050	4800	3378	2399	5777
	3.5L	8200	2390	1001	4050	4800	3348	2437	5785
SuperCrew 4x2 145	3.7L	6800	1620	729	3450	3800	2885	2243	5128
	5.0L	7100	1790	882	3600	3850	2963	2291	5254
	3.5L	7100	1750	874	3600	3850	2989	2307	5296
	3.5L (Limited)	7100	1480	599	3600	3850	3114	2444	5558
	6.2L	7400	1810	807	3750	4050	3107	2423	5530
MAX	3.5L	7400	1930	754	3600	4050	3006	2401	5407

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by available equipment weight.
(2) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment. Accessory Reserve Capacity (ARC) for models with standard equipment and the engine/transmission combination indicated.
(3) Gross Axle Weight Rating (GAWR) is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVWR.
(4) Vehicles equipped with 20" tires/wheels get 4050 lbs. RGAWR.

NOTE: Refer to pages 97 and 98 for Standard Powertrain/Chassis Equipment Specifications. See the Truck Payload Appendices section on ***e*SourceBook** for available equipment weights.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2014 F-150 and F-150 SVT Raptor

Weight Ratings cont'd

F-150 Styleside Pickup — GVWR/Payload/OPT & ARC/GAWR (Front Computer-Selected)/Base Curb Weight

Cab Style/ Drive/WB (in.)	Engine	Max. GVWR (lbs.)	Max. Payload (lbs.)(1)	OPT/ARC Weight (lbs.)(2)	Max. GAWR (lbs.)(3) Front	Max. GAWR (lbs.)(3) Rear(4)	Base Curb Weight (lbs.) Front	Base Curb Weight (lbs.) Rear	Base Curb Weight (lbs.) Total
SuperCrew 4x4 145	5.0L	7350	1700	844	3900	3850	3214	2372	5586
	3.5L	7200	1520	665	3900	3850	3206	2409	5615
	3.5L (Limited)	7200	1300	595	3750	3850	3317	2518	5835
	6.2L	7700	1860	829	4050	4050	3324	2450	5774
SVT Raptor	6.2L	7450	1180	477	4000	3700	***3549***	2654	6203
MAX	3.5L	7650	1900	817	3900	4050	3206	2481	5687
SuperCrew 4x2 157	5.0L	7100	1700	835	3750	3850	3056	2289	5345
	3.5L	7100	1660	800	3750	3850	3094	2286	5380
	6.2L	7550	1880	879	3900	4050	3212	2395	5607
MAX	3.5L	7550	2000	826	3750	4050	3111	2379	5490
HD Pkg.	5.0L	8200	2620	764	3750	4800	3132	2420	5552
	3.5L	8200	2620	763	3750	4800	3150	2404	5554
SuperCrew 4x4 157	5.0L	7350	1570	714	4050	3850	3307	2409	5716
	3.5L	7350	1560	699	4050	3850	3322	2409	5731
	6.2L	7700	1730	876	4050	4050	3420	2484	5904
MAX	3.5L	7700	1840	889	4050	4050	3322	2475	5797
HD Pkg.	5.0L	8200	2330	797	4050	4800	3346	2499	5845
	3.5L	8200	2310	797	4050	4800	3361	2499	5860

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by available equipment weight.
(2) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment. Accessory Reserve Capacity (ARC) for models with standard equipment and the engine/transmission combination indicated.
(3) Gross Axle Weight Rating (GAWR) is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVWR.
(4) Vehicles equipped with 20" tires/wheels get 4050 lbs. RGAWR.

NOTE: Refer to pages 97 and 98 for Standard Powertrain/Chassis Equipment Specifications. See the Truck Payload Appendices section on ***e*SourceBook** for available equipment weights.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

F-150 and F-150 SVT Raptor

Standard Powertrain/Chassis Equipment Specifications

2014

F-150 4x2 Styleside Pickup[1,2]

POWERTRAIN:			Refer to the Ordering Guide for 50 States Usage
Engine	—	Type	3.7L 4V ***DOHC*** V6
Transmission	—	Type	6R80E 6-speed Auto OD
AXLES:			
Front Axle	—	Type	Long-spindle Double-wishbone, Coil-over-shock IFS
	—	Capacity (Rating @ Ground)	3150 lbs.
Rear Axle	—	Type	Semi-floating
	—	Capacity (Rating @ Ground)	3500 lbs.
BRAKES:			
Front/Rear Disc	—	Type	Vented, Twin-piston Front and Single-piston Rear Caliper
	—	Rotor Diameter — Front/Rear	13.8"/13.7"
Power Assist Unit	—	Type	Tandem-diaphragm
	—	Effective Diameter	9.07" Front/8.98" Rear
Anti-Lock Braking System			4-wheel (4-channel with Electronic Brake Force Distribution)
Parking Brake (Rear Brakes)			Foot-operated, Hand Release
ELECTRICAL:			
Alternator	—	Rating	155 Amp, 2100 Watt/220 Amp, 3000 Watt
Battery	—	Type	Maintenance-free (Battery Saver System Standard)
	—	Rating	78 Amp-hr., 750 CCA
Harnesses	—	Type	3-pin Connector
FUEL TANK:	—	Capacity	26.0 Gal. (98 L)
JACK:	—	Capacity	2 Tons
STEERING:	—	Type	Power, Rack-and-pinion; Electric-assist 3.5L, 3.7L, 5.0L; Hydraulic-assist 6.2L
	—	Ratio	20.0:1 126" WB, 145" WB and 157" WB (with Max. Trailer Tow), 17.0:1 157" WB (without Trailer Tow) and 163" WB
SUSPENSION:			
Frame	—	Type	Ladder Type with Fully Boxed Side Rails and Hydroformed Front Section, 7 Crossmembers, 36,000 psi Steel with 156.5" WB SuperCrew/ 163.0" WB SuperCab 49,300 psi Steel with 126.0", 144.5" WB Regular Cab, 144.5" WB SuperCab/144.5" WB SuperCrew
	—	Section Modulus (cu. in.)	5.35 with 126.0" WB Regular Cab/SuperCab; 5.70 with 144.5" WB Regular Cab/SuperCab/SuperCrew; 7.20 with 156.5" WB SuperCrew/ 163.0" WB SuperCab
Springs, Front	—	Type	Coil, Computer-selected
	—	Rating @ Ground (min.)	Refer to pages 95 and 96 for usage and ratings
Springs, Rear	—	Type	Leaf, Two-stage Variable-rate, Computer-selected
	—	Rating @ Ground (min.)	Refer to pages 95 and 96 for usage and ratings
Shock Absorbers	—	Gas-type	Front 1.42"/Rear 1.26" (Specially Tuned with 8200-lb. GVWR)
Stabilizer Bar	—	Position/Diameter/Type	Front/1.34"/Solid Steel
TIRES:	—	Type	Steel-belted Radial All-season Less 8200-lb. GVWR; Steel-belted Radial All-terrain with 8200-lb. GVWR
	—	Size	Five P235/75Rx17 BSW Less 8200-lb. GVWR; Five LT245/75R17E BSW with 8200-lb. GVWR
	—	Spare Tire Carrier	Rear Underframe, Winch-type with Safety Catch (Locking-type, Lock Cylinder in Rear Bumper Opened by Ignition Key)
WHEELS:	—	Type and Size	Four 17" x 7.5" Gray Styled Steel with Same-size Steel Spare (6-hole Disc); Five 17" x 7.5" 7-lug Steel (7-hole Disc) with 8200-lb. GVWR

(1) 8200-lb. GVWR is included with the available Heavy-Duty Payload Package and requires either the 5.0L 4V V8 or 3.5L 4V V6 engine. In addition to the equipment listed above, this package also includes Super Engine Cooling, 9-channel oil-to-air auxiliary transmission oil cooler, frame upgrade (.150 rail thickness).
(2) Refer to notes below for powertrain/chassis upgrades included with available trim levels.
NOTE: STX powertrain/chassis upgrades: P255/65Rx17 OWL A/S tires and 17" x 7.5" machined aluminum wheels.
NOTE: XLT powertrain/chassis upgrades (standard trim with SuperCrew): P255/65Rx17 OWL A/S tires on SuperCrew and 17" x 7.5" machined aluminum wheels on all models.
NOTE: Lariat powertrain/chassis upgrades: 6.2L 2V V8/6R80E 6-Speed Auto OD, P265/60Rx18 OWL A/S tires on 18" x 7.5" bright aluminum wheels.
NOTE: Refer to pages 95 and 96 for Standard & Available Weight Rating Specifications (GVWR/Payload/Spring & GAWR/Base Curb Weight).

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2014 F-150 and F-150 SVT Raptor

Standard Powertrain/Chassis Equipment Specifications cont'd

F-150 4x4 Styleside Pickup[1,2]

POWERTRAIN:		Refer to the Ordering Guide for 50 States Usage
Engine	— Type	3.7L 4V DOHC V6
Transmission	— Type	6R80E 6-Speed Auto OD
Transfer Case	— Type	Electronic Shift
	— Low/High Gear Ratio	2.64:1/1.00:1
AXLES:		
Front Axle	— Type	Long-spindle Double-wishbone, Coil-over-shock IFS
	— Capacity (Rating @ Ground)	3450 lbs.
Rear Axle	— Type	Semi-floating
	— Capacity (Rating @ Ground)	3500 lbs., 4800 lbs. with 8200-lb. GVWR
BRAKES:		
Front/Rear Disc	— Type	Vented, Twin-piston Front and Single-piston Rear Caliper
	— Rotor Diameter — Front/Rear	13.8"/13.7"
Power Assist Unit	— Type	Tandem-diaphragm
	— Effective Diameter	9.07" Front/8.98" Rear
Anti-Lock Braking System		4-wheel (4-channel with Electronic Brake Force Distribution)
Parking Brake (Rear Brakes)		Foot-operated, Hand Release
ELECTRICAL:		
Alternator	— Rating	155 Amp, 2100 Watt/220 Amp, 3000 Watt
Battery	— Type	Maintenance-free (Battery Saver System Standard)
	— Rating	78 Amp-hr., 750 CCA
Harnesses	— Type	3-pin Connector
FUEL TANK:	— Capacity	26.0 Gal. (98 L)
JACK:	— Capacity	2 Ton
STEERING:	— Type	Power, Rack-and-pinion; Electric-assist 3.5L, 3.7L, 5.0L; Hydraulic-assist 6.2L
	— Ratio	20.0:1 126" WB, 133" WB, 145" WB and 157" WB (with Max. Trailer Tow), 17.0:1 157" WB (without Trailer Tow) and 163" WB
SUSPENSION:		
Frame	— Type	Ladder Type with Fully Boxed Side Rails and Hydroformed Front Section, 7 Crossmembers, 36,000 psi Steel with 156.5" WB SuperCrew/163.0" WB SuperCab/49,300 psi Steel with 126.0", 144.5" WB Regular Cab/132.5" WB, 144.5" WB SuperCab/144.5" WB SuperCrew
	— Section Modulus (cu. in.)	5.35 with 126.0" WB Regular Cab/SuperCab; 5.70 with 144.5" WB Regular Cab/SuperCab/SuperCrew; 7.20 with 156.5" WB SuperCrew/163.0" WB SuperCab
Springs, Front	— Type	Coil, Computer-selected
	— Rating @ Ground (min.)	Refer to pages 95 and 96 for usage and ratings
Springs, Rear	— Type	Leaf, Two-stage Variable-rate, Computer-selected
	— Rating @ Ground (min.)	Refer to pages 95 and 96 for usage and ratings
Shock Absorbers	— Gas-type	Front 1.42"/Rear 1.26" (Specially Tuned with 8200-lb. GVWR)
	— Bypass	Front 1.85"/Rear 1.85" (SVT Raptor only)
Stabilizer Bar	— Position/Diameter/Type	Front 1.34"/Solid Steel Front 1.08"/Solid Steel (SVT Raptor only)
TIRES:	— Type	Steel-belted Radial All-terrain
	— Size	Five P235/75Rx17 BSW Less 8200-lb. GVWR; Five LT245/75Rx17E BSW with 8200-lb. GVWR; Five LT315/70R17 BSW (SVT Raptor)
	— Spare Tire Carrier	Rear Underframe, Winch-type with Safety Catch (Locking-type, Lock Cylinder in Rear Bumper Opened by Ignition Key)
WHEELS:	— Type and Size	Four 17" x 7.5" Gray Styled Steel with Same-size Steel Spare (6-hole Disc); Five 17" x 7.5" 7-lug Steel (7-hole Disc) with 8200-lb. GVWR; Five 17" x 8.5" Aluminum (6-hole) (SVT Raptor)

(1) 8200-lb. GVWR is included with the available Heavy-Duty Payload Package and requires either the 5.0L 4V V8 or 3.5L 4V V6 engine and 36-gallon fuel tank. In addition to the equipment listed above, this package also includes Super Engine Cooling, 9-channel oil-to-air auxiliary transmission oil cooler, frame upgrade (.150 rail thickness) and 3.73 axle ratio.
(2) Refer to notes below for powertrain/chassis upgrades included with available trim levels.
NOTE: STX powertrain/chassis upgrade: P265/70Rx17 OWL A/T tires and 17" x 7.5" machined aluminum wheels.
NOTE: XLT powertrain/chassis upgrades (standard trim with SuperCrew): P265/70Rx17 OWL A/T tires on SuperCrew and 17" x 7.5" machined aluminum wheels on all models.
NOTE: FX4 powertrain/chassis upgrades: 5.0L 4V V8/6R80E 6-speed Auto OD, P275/65Rx18 OWL A/T tires, 18" x 7.5" machined cast aluminum wheels, electronic shift transfer case, skid plates and off-road-tuned shock absorbers.
NOTE: Lariat powertrain/chassis upgrades: 5.0L 4V V8/6R80E 6-speed Auto OD, P275/65Rx18 OWL A/T tires, 18" x 7.5" bright aluminum wheels and electronic shift transfer case.
NOTE: Refer to pages 95 and 96 for Standard & Available Weight Rating Specifications (GVWR/Payload/Spring & GAWR/Base Curb Weight).

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

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F-150 and F-150 SVT Raptor 2014

Technical Specifications

Axle

FRONT AXLE SPECIFICATIONS

Series/Model		F-150 4x2	F-150 4x4	F-150 SVT Raptor
Type		Long-spindle Double-wishbone, Coil-over-shock Independent Front Suspension		
Max. Rating @ Ground (lbs.)		3750	4050	3900/4000(1)
Upper Control Arm	— Material	Forged Steel		
Lower Control Arm	— Material	Stamped Steel		Cast Aluminum
Spring	— Type	Coil-over-shock, Computer-selected		
Ball Joints		Lubed-for-Life		
Spindle	— Material	Nodular Cast Iron Body with Forged Steel Stem	Nodular Cast Iron	
Wheel Bearings	— Type	Tapered Roller (GEN I Cartridge)	Tapered Roller (GEN 2 Flange)	

REAR AXLE SPECIFICATIONS

Series		F-150		F-150 SVT Raptor
Make		Standard/Limited-slip/Electronic-locking		
Max. Rating @ Ground (lbs.) (Engine)		3800	4100/4800	3500/3700(1)
Type		Semi-float Beam Axle		
Drive		Hotchkiss		
Housing	— Type	Cast Center		
	— Cover Attachment	Bolted		
Lubricant Capacity (pt.)		5.5-5.8	5.25-5.5 (Limited-slip)	
Wheel Bearings	— Type	Straight Roller		
Gears	— Type	Hypoid		
	— Material	Alloy Steel		
Ring Gear	— Pitch Diameter (in.)	8.80	9.75	9.75
Axle Ratios		3.55, 3.73	3.15, 3.31, 3.55, 3.73, 4.10	4.10
Pinion	— Mounting	Overhung		
Differential	— Type	2-pinion		
	— Bearings	Tapered Roller		
Axle Shaft	— Minimum Diameter (in.)	1.29	1.33	1.46
	— Diameter over Splines (in.)	1.32	1.36	1.49
	— No. of Splines (Hub End)	31	34	35

(1) SuperCrew.

Brakes

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — FRONT DISC

Type	Model	Axle Usage (lbs.)	Rotor Dia. (in.) OD	Rotor Dia. (in.) ID	Brake Lining Segment	Area (sq. in.)/ Width (in.)/ Thickness (in.)	Caliper Piston Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
Rotor (Disc)	All	4150, 4400	13.78	9.33	Outboard	9.99/2.53/0.55	Dual 2.13	40.6	297.5
					Inboard	10.36/2.53/0.55			

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — REAR DISC

Type	Model	Axle Usage (lbs.)	Rotor Dia. (in.) OD	Rotor Dia. (in.) ID	Brake Lining Segment	Area (sq. in.)/ Width (in.)/ Thickness (in.)	Caliper Piston Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
Rotor (Disc)	All	3850, 4000, 4800	13.7	10.27	Outboard	3.88/1.47/0.413	Single 2.13	15.52	258.0
					Inboard	3.88/1.47/0.413			

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

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2014 F-150 and F-150 SVT Raptor

Technical Specifications cont'd

Brakes (cont'd)

BRAKE MASTER CYLINDER SPECIFICATIONS

Type	Bore Dia. (in.)
Dual-bore	1.187–1.370

POWER BRAKES VACUUM BOOSTER SPECIFICATIONS

Make/Type	Effective Dia. (in.)	Outside Dia. (in.)	Diaphragm Type
Dash-mounted	9.07 Front/8.98 Rear	9.93 Max. OD	Tandem

Cooling Systems

COOLING SYSTEM SPECIFICATIONS

Engine	Radiator Usage(1)	Frontal Area (sq. in.)	Core Size (in.) Height	Width	Thick.	Rows of Tubes	Fins Per Inch	Cooling System Cap. (approx. qts.)	Fan (Nylon) Diameter (in.)	No. of Blades
3.7L V6	Standard	521	16.54	31.50	0.94	41	15.2	15.0	14.0/14.8	5/5
	Super Cooling(2)	521	16.54	31.50	1.26	41	16.5	16.0	14.0/14.8	5/5
5.0L V8	Standard	521	16.54	31.50	0.94	41	15.2	16.0	14.0/14.8	5/5
	Super Cooling(3)	521	16.54	31.50	1.26	41	16.5	17.0	14.0/14.8	5/5
6.2L V8	Standard	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Super Cooling(4)	521	16.54	31.50	1.26	51	16.5	19.5	14.0/14.8	5/5
3.5L V6	Standard	521	16.54	31.50	1.26	41	16.5	16.0	14.0/14.8	5/5
	Super Cooling(5)	521	16.54	31.50	1.26	51	16.5	16.5	14.0/14.8	5/5

(1) All radiators include in-tank oil-to-water transmission oil cooler.
(2) Included with Trailer Towing Package (Class IV) only.
(3) Included with Trailer Towing Package (Class IV) or Heavy-Duty Payload Package only.
(4) 6.2L Super Cooling radiator is released for all payload packages. No base or standard radiator is used.
(5) Included with Max. Trailer Tow Package.

AUXILIARY AUTOMATIC TRANSMISSION OIL COOLER APPLICATIONS

		Cooler Applications		
Engine	Transmission	Standard	Trailer Tow Package (Class IV)	Heavy Payload Group
3.7L V6	6R80E	4-channel	4-channel	—
5.0L V8	6R80E	4-channel	4-channel	—
6.2L V8	6R80E	4-channel	4-channel	4-channel
3.5L V6	6R80E	4-channel	4-channel	4-channel

Fuel System

FUEL SYSTEM DATA

Sequential Electronic Fuel Injection	3.7L 4V SEFI V6	Multiport
	5.0L 4V SEFI V8	Multiport
	6.2L 2V SEFI V8	Multiport
	3.5L 4V SEFI V6	Direct
Fuel Pump	3.7L, 5.0L, 6.2L	Single Electric In-tank High-pressure
	3.5L	In-tank Electric High-pressure Engine-mounted Booster
Fuel Filter	All Engines	In-tank Lifetime
Air Cleaner	All Engines	Dry Element, Replaceable

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

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F-150 and F-150 SVT Raptor 2014

Technical Specifications cont'd

Steering

STEERING SPECIFICATIONS

		Rack-and-pinion Power Steering[1]		Turning Diameter (ft.)
Cab	Wheelbase (in.)	Rack Speed (mm Per Revolution)	Rack Ratio	Curb-to-Curb
Regular	126.0	47.4	20.0:1	41.7
	144.5	47.4	20.0:1	47.0
SuperCab	133.3 (SVT Raptor)	47.4	20.0:1	44.6
	144.5	54.5	17.0:1	47.0
	144.5 (w/Max. Trailer Tow)	47.4	20.0:1	47.0
	163.0	54.5	17.0:1	52.3
SuperCrew	144.5	54.5	17.0:1	47.0
	144.5 (w/Max. Trailer Tow)	47.4	20.0:1	47.0
	156.5	54.5	17.0:1	50.4
	156.5 (w/Max. Trailer Tow)	47.4	20.0:1	50.4

(1) All gears include nibble damper.

Suspensions

FRAME SPECIFICATIONS

Model	Wheelbase (in.)	No. of Crossmembers	Maximum Side Rail Section (in.)	Section Modulus (cu. in.)	Yield Strength (psi)
Regular Cab 4x2[1]	126.0	7	8.86 x 2.95 x .100	5.35	49,300
	144.5	7	8.86 x 2.95 x .110	5.70	49,300
Regular Cab 4x4[1]	126.0	7	8.86 x 2.95 x .100	5.35	49,300
	144.5	7	8.86 x 2.95 x .110	5.70	49,300
SuperCab 4x2[1]	144.5	7	8.86 x 2.95 x .110	5.70	49,300
SuperCab 4x4[1]	133.3 (SVT Raptor)	7	8.86 x 2.95 x .100	5.35	49,300
	144.5	7	8.86 x 2.95 x .110	5.70	49,300
SuperCrew 4x2	144.5	7	8.86 x 2.95 x .110	5.70	49,300
SuperCrew 4x2	156.5	7	8.86 x 2.95 x .150	7.20	36,000
SuperCrew 4x4[2]	144.5	7	8.86 x 2.95 x .110	5.70	49,300
SuperCrew 4x4	156.5	7	8.86 x 2.95 x .150	7.20	36,000
Regular Cab 4x2[3]	144.5	7	8.86 x 2.95 x .150	7.20	36,000
Regular Cab 4x4[3]	144.5	7	8.86 x 2.95 x .150	7.20	36,000
SuperCab 4x2[3]	163.0	7	8.86 x 2.95 x .150	7.20	36,000
SuperCab 4x4[3]	163.0	7	8.86 x 2.95 x .150	7.20	36,000

(1) Except Heavy-Duty Payload Package.
(2) Includes SVT Raptor SuperCrew.
(3) With Heavy-Duty Payload Package only.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2014 F-150 and F-150 SVT Raptor

Technical Specifications cont'd

Suspensions cont'd

SHOCK ABSORBER SPECIFICATIONS

	Front			Rear		
Usage	No. Used	Piston Dia. (in.)	Type	No. Used	Piston Dia. (in.)	Type
Standard[1]	2	1.42	Gas-pressurized	2	1.26	Gas-pressurized
SVT Raptor	2	1.85	Internal Bypass	2	1.85	Internal Bypass

(1) Specially tuned shocks included with FX4, Heavy-Duty Payload Package and are required on Lariat and King Ranch 4x2 with 20" 6-spoke machined aluminum wheels. (Piston diameters remain the same as above.)

SPRING SPECIFICATIONS — FRONT COIL

Model	Combined Rating @ Ground (lbs.)	Normal Working Height of Spring (in.)	Inside Dia. (in.)	Wire Dia. (in.)	Deflection Rate @ Ground (lbs. per in. ea.)
4x2/4x4[1]	3150	12.0	4.0	.659	394
	3300	12.0	4.0	.679	434
	3450	12.0	4.0	.693	474
	3600	12.0	4.0	.707	514
	3750	12.0	4.0	.724	554
	3900	12.0	4.0	.734	593
	4050	12.0	4.0	.739	633
4x2/4x4[2]	3750	12.0	4.0	.754	714
	4050	12.0	4.0	.759	714
SVT Raptor	3900	13.25	4.0	.759	594
	4000	13.25	4.0	.775	640

(1) Except Heavy-Duty Payload Package.
(2) With Heavy-Duty Payload Package only.

SPRING SPECIFICATIONS — REAR MAIN LEAF

Comb. Rating @ Ground (lbs.)	Number of Leaves	Total Thickness @ Pad (in.)	Length (in.)	Width (in.)	Deflection Rate (lbs. per in./spring)
3500	2 + 1	1.75	64.5	3.0	181/385
3500 SVT Raptor	2 + 1	1.623	64.5	3.0	190/276
3700 SVT Raptor	2 + 1	1.67	64.5	3.0	205/300
3850	2 + 1	1.79	64.5	3.0	199/426
4220	2 + 1	2.17	64.5	3.0	216/440
4220	3 + 1	2.19	64.5	3.0	203/442
4800	3 + 1	2.19	64.5	3.0	200/457

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

F-150 and F-150 SVT Raptor 2014

Technical Specifications cont'd

Tires and Wheels

TIRE SPECIFICATIONS

Size	Rim Width (in.)	Section Width (in.)	Static Loaded Radius (in.)
P235/75R17 A/T BSW	7.5	9.65	13.90
P255/65R17 A/S OWL	7.5	10.24	13.70
LT245/75R17 A/T BSW(1)	7.5	9.96	14.60
P265/60R18 A/S OWL	7.5	10.51	13.93
P265/70R17 A/T OWL	7.5	10.90	14.20
P275/65R18 A/T OWL	7.5	10.78	14.25
LT275/65R18 A/T OWL	7.5	10.78	14.80
P275/55R20 A/T OWL	8.5	11.18	14.40
P275/55R20 A/S OWL	8.5	10.80	14.30
P275/45R22 A/S BSW	9.0	10.80	14.70
LT315/70R17 (SVT Raptor)	8.5	11.80	16.14

(1) Heavy-Duty Payload or Off-Road Package (XLT) only.

WHEEL SPECIFICATIONS

Wheel Type	Wheel Size (in.)	Inset (in./mm)	No. of Studs	Bolt Circle (in./mm)	Maximum Wheel Capacity Load (lbs.)
Gray Styled Steel	17 x 7.5	1.73/44	6	5.3/135	2025
Gray Styled Steel — 7-lug	17 x 7.5	1.73/44	7	5.8/150	2400
Machined Aluminum — 7-lug	17 x 7.5	1.73/44	7	5.8/150	2400
Machined Aluminum	17 x 7.5	1.73/44	6	5.3/135	2025
Cast Aluminum Painted and Machined Finish (SVT Raptor)	17 x 8.5	1.34/34	6	5.3/135	2000
Forged Aluminum Fully Painted with Silver Trim Ring, Bead-Lock-capable (SVT Raptor)	17 x 8.5	1.34/34	6	5.3/135	2000
Forged Aluminum Fully Painted with Dark Foundry Trim RIng, Bead-Lock-capable (SVT Raptor)	17 x 8.5	1.34/34	6	5.3/135	2000
Machined Aluminum	18 x 7.5	1.73/44	6	5.3/135	2025
Chrome-clad Aluminum	18 x 7.5	1.73/44	6	5.3/135	2025
7-spoke Aluminum with King Ranch Center Cap	18 x 7.5	1.73/44	6	5.3/135	2025
Machined Aluminum with Painted Accents	18 x 7.5	1.73/44	6	5.3/135	2025
Chrome-clad Aluminum	20 x 8.5	1.73/44	6	5.3/135	2025
6-spoke (Black) Premium Painted Aluminum	20 x 8.5	1.73/44	6	5.3/135	2025
6-spoke Machined Aluminum	20 x 8.5	1.73/44	6	5.3/135	2025
Polished Aluminum	20 x 8.5	1.73/44	6	5.3/135	2025
Premium Painted Aluminum	20 x 8.5	1.73/44	6	5.3/135	2025
Forged Polished Aluminum with Painted Accents	22 x 9.0	1.73/44	6	5.3/135	NA
Steel Spare	17 x 7.5	1.73/44	6	5.3/135	2100
Steel Spare	18 x 7.5	1.73/44	6	5.3/135	2100

NA = Information not available at time of printing

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2014 F-150 and F-150 SVT Raptor

Technical Specifications cont'd

Transfer Case and Transmission

TRANSFER CASE SPECIFICATIONS

Shift Type	**Electric Shift-On-the-Fly (ESOF)/ 2-speed Automatic Four-wheel Drive (4WD)**
Gear Type	2-speed Planetary Gears
Lubricant Capacity (qt.)	1.3 – 1.5 liters
Gear Ratio — High	1.00:1
Gear Ratio — Low	2.64:1
Case Material	Magnesium

AUTOMATIC TRANSMISSION SPECIFICATIONS

Make/Type	**Ford 6-speed Automatic Overdrive (6R80E)**
Engines	3.7L 4V V6, 5.0L 4V V8, 6.2L 2V V8, 3.5L 4V V6
Ratios (to 1):	
1st	4.17
2nd	2.34
3rd	1.52
4th	1.14
5th	0.86
6th	0.69
Reverse	3.40
Converter Size and Type	260 mm 155K (Single-stage Conventional)
Converter Stall Ratio	2.30
Lubricant Capacity (qt.)	12.0
Planetary	Simple and Ravigneaux
Helical Gears	All
Oil Cooler	Refer to chart on page 100
Turbine Speed Sensor System	Yes
Fully Electronic Shift Scheduling	Yes
Weight (with Fluid)	211 lbs. (4x2)/208 lbs. (4x4)

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Trailer Towing/Camper Information

For additional towing information, refer to the RV & Trailer Towing Guide, available as a printable PDF on ***e*SourceBook** or the vehicle owner manual for more information.

Completed Vehicle Weight

The weight of the completed vehicle with equipment installed (and second unit body, if applicable) must not exceed the Front GAWR, Rear GAWR or GVWR established by Ford. If sufficient weight is added such that the completed vehicle with a driver and more than one passenger would exceed Front GAWR, Rear GAWR or GVWR, it is the responsibility of the equipment installer to notify the customer of the appropriate use restrictions (i.e., that the user should limit occupancy of the vehicle to the driver and one passenger while the equipment is installed). The addition of ballast weight, placed rearward of the rear axle, may be required to prevent front-end overloading or exceeding Front GAWR. If required, the ballast weight must be securely attached to the vehicle. For Ford completed vehicles of 10,000 lbs. GVWR or less, the weight of permanently attached equipment must not exceed the Total Accessory Reserve Capacity (TARC) as specified on the Safety Compliance Certification Label. Exceeding TARC will require recertification.

Front-end Wheel Alignment and Headlamp Aim

Front-end wheel alignment (toe) and headlamp aim may require adjustment after installation of equipment, and is the responsibility of the equipment installer. Failure to reset front wheel alignment may cause premature, uneven tire wear. If required, reset to chassis manufacturer's specifications found in the Ford Shop Manual.

Electrical Connections

Installation of any inductive load devices (i.e., electric motors, electric clutches for clutch pumps, etc.) MUST NOT be connected to OEM wiring or fuse panels. Power for such devices should be taken directly from the battery or starter motor relay power terminal. Control of these devices should be achieved via relays. No direct current path should exist between OEM wiring and the installed load that is not filtered by the battery. These recommendations are intended to reduce or eliminate any induced reverse voltage into the OEM circuitry.

Warranty

The Normal Ford New Vehicle Limited Warranty applies to vehicles with accessories installed in accordance with these guidelines. Consult your Ford dealer or the owner manual for any further questions.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.